

**CERTIFICATE OF MAILING BY FIRST CLASS MAIL (37 CFR 1.8)**

Applicant(s): Alex Nugent

Docket No.

1000-1214

Application No.

10/730,708

Filing Date

12/08/2003

Examiner

Peter Coughlan

Customer No.

000064064

Group Art Unit

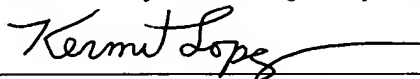
2129

Invention: ADAPTIVE NEURAL NETWORK UTILIZING NANOTECHNOLOGY-BASED COMPONENTS

AUG 14 2006

I hereby certify that this Amendment, Reply to Final Office Action & Declaration Under 37 CFR 1.131*(Identify type of correspondence)*

is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on

August 14, 2006*(Date)*Kermit Lopez*(Typed or Printed Name of Person Mailing Correspondence)**(Signature of Person Mailing Correspondence)***Note: Each paper must have its own certificate of mailing.**

Kermit Lopez  
Ortiz & Lopez, PLLC  
Patent Attorneys  
PO BOX 4484  
Albuquerque, NM 87196-4484



frw

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**APPLICANT:** Alex Nugent                      **EXAMINER:** Peter Coughlan  
**SERIAL NO.:** 10/730,708                      **GROUP:** 2129  
**FILED:** 12/08/2003                      **ATTY DKT NO.:** 1000-1214  
**TITLE:** **ADAPTIVE NEURAL NETWORK UTILIZING NANOTECHNOLOGY-BASED COMPONENTS**

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**Please forward all correspondence to:**

ORTIZ & LOPEZ, PLLC  
Patent Attorneys  
P.O. Box 4484  
Albuquerque, NM 87196-4484

Mail Stop Non-Fee Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENTS AND REPLY TO FINAL OFFICE ACTION**  
**AND REQUEST FOR RECONSIDERATION**  
**UNDER 37 C.F.R. § 1.111**

Dear Sir:

In response to the Office Action dated July 19, 2006 in the above captioned matter, please enter the following amendments and remarks:

Amendments to claims begin on Page 2 of this Paper.

Remarks begin on Page 8 of this Paper.